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CPU S1851 INTEL INTEL CORE ULTRA 7 265K

Naziv:	CPU S1851 INTEL INTEL CORE ULTRA 7 265K
Slika:	
Šifra:	#BM1711631757560108834
Barkod:	5032037282062
Proizvođač:	INTEL

Detalji

Kategorija:	PROCESORI
Oznake:	
Atributi:	KLASA PROCESORA: INTEL CORE ULTRA 7 PROCESORSKO LEŽIŠTE: S1851 BROJ JEZGARA PROCESORA: 20

Cena

Cena sa PDV:	46,277.03 RSD *WEB CENA 50,904.73 RSD *Cena za odloženo web plaćanje

Ostalo

Opis:

"Intel® Core™ Ultra 7 Processor 265K (20M Cache, up to 5.50 GHz)

Overview
Product Collection: Intel® Core™ Ultra Processors (Series 2)
Code Name: Products formerly Arrow Lake
Vertical Segment: Desktop
Lithography: TSMC 3 nm
Overall Peak TDP: 125 W

Core Specifications
Total Cores: 20
Performance-cores: 8
# of Efficient-cores: 12
Total Threads: 20
Performance-core Base Frequency: 3.3 GHz
Intel® Turbo Boost Max Technology 3.0 Frequency: 5.5 GHz
Performance-core Max Turbo Frequency: 5.4 GHz
Efficient-core Base Frequency: 2.1 GHz
Performance-core Base Frequency: 3.3 GHz
Efficient-core Max Turbo Frequency: 4.6 GHz
Total L2 Cache: 26 MB
Processor Base Power: 125 W
Maximum Turbo Power: 250 W
Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes
3rd Gen Intel® Deep Learning Boost (Intel® DL Boost): Yes
CPU Lithography: 3 nm Node

Supplemental Information
Intel® Quick Assist Technology
Intel® OSA: yes
Intel® Ready Mode Technology: No
Use Conditions: PC/Client/Tablet | Workstation
Datasheet: View now

Memory Specifications
Max # of Memory Channels: 2
Memory Type: up to 6400 MHz DDR5
Maximum Memory Speed: 6400 MHz
ECC Memory Supported: No
Ecc Memory Supported: 1-Yes

Graphics Specifications
GPU Name: Intel® Graphics
Graphics Base Frequency: 400 MHz
Graphics Max Dynamic Frequency: 2 GHz
Intel Graph: 4 MB (4MB)
Graphics Output: DP2.1, HDMI2.1, HDMI2.1/TMDS, EDP1.4, HDTV, dp
Max Resolution (HDMI): 4K @60Hz, HDMI2.1/TMDS 8K @ 60Hz, HDMI2.1: 7K,
Max Resolution (DP): 8K @ 60Hz
Graphics Output: Intel® Integrated Flat Panel (iFP) @ 60Hz
DirectX® Support: 12
OpenGL® Support: 4.5
Intel® Arc™ Graphics: No
Intel® Arc™ Pro Graphics: No
# of Displays Supported: 4
Intel® Iris® Xe Graphics: No
Intel® Deep Learning Boost (Intel® DL Boost) on GPU: No

GPU Specifications
GPU Name: Intel® Arc™
GPU Peak TDP: 0 W
Graphics Clock: 0 MHz
Windows Quick Offloads Supported: No
Windows Hardware Accelerated Gpu Scheduling: Yes

Expansion Options
PCI Express Revision: 5.0 (UP to 16 GT/s)
Max # of PCIE Lanes: 20
PCIe Configurations: 1x16 | 2x8 | 1x8
Scalability: 1-Way
PCI Express Revision: 4.0
Max # of PCIe Lanes: 16 (CPU) | 8 (PCH) | 1 (Intel)
Max # of PCI Express Lanes: 24

Package Specifications
Sockets Supported: FCLGA1851
Thermal Solution Specification: PCG 2020A
Max Operating Temperature: 89 °C

Advanced Technologies
Intel® Thermal Velocity Boost: Yes
Intel® Hyperthreading: No
Intel® Speed Shift Technology: Yes
Intel® Turbo Boost Technology: Yes
Intel® Turbo Boost Technology 2.0: No
Intel® AT: No
Intel® TSX-NI: No
Instruction Set Extensions: AVX® (256) | AVX® (256) | AVX® AVX2
Idle States: Yes
Enhanced Intel SpeedStep® Technology: Yes
Thermal Monitoring Technologies: Yes
Intel® Volume Management Device (VMD): Yes

Security & Reliability
Intel vPro® Eligibility: Intel vPro® Enterprise
Intel® Boot Guard Technology: Yes, Boot Guard
Intel® Hardware Shield Technology: Yes
Intel® Secure Device Boot: Yes
Intel® Trusted Execution Technology: Yes
Intel® Trusted Execution Technology (TXT): Yes
Intel® Secure Key: Yes
Intel® Platform Trust Technology: Yes
Intel® Boot Guard: Yes
Intel® Control-Flow Enforcement Technology: Yes
Intel® Control-Flow Enforcement Technology - Shadow Stack: Yes
Intel® AES New Instructions: Yes
Intel® Threat Detection Technology: Yes
Execute Disable Bit: Yes
Intel® Hardware Shield: Yes
Intel® OS Guard: Yes
Mode-Based Execute Control (MBEC): Yes
Intel® Stable IT Platform Program (SIPP): Yes
Intel® Virtualization Technology for Directed I/O (VT-d): Yes
Intel® Virtualization Technology (VT-x): Yes
Intel® Virtualization Technology for Directed I/O (VT-d): Yes
Intel® VT-x with Extended Page Tables (EPT): Yes